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GROUP 3600

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WE CLAIM AS OUR INVENTION:

1. A urological patient positioning table (1) comprising:

a patient positioning plate (6) having a head end (K) and a foot end (F);

5 a lifting column (2);

a carrying arm (3) connecting said positioning plate (6) to said lifting column [arm]
(2); and

said lifting column (2) and said carrying arm (3) being disposed at said head end
(K) of said positioning plate (6) laterally next to said positioning plate (6).

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2. A urological patient positioning table (1) as claimed in claim 1

wherein said positioning plate (6) has a longitudinal axis (B) and wherein said
positioning plate (6) is mounted to said carrying arm (3) for rotation around a
horizontal axis (A), said horizontal axis (A) being disposed at said head end (K) of
15 said positioning plate (6) and proceeding substantially at a right angle relative to
said longitudinal axis (B).

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3. A urological patient positioning table (1) as claimed in claim 2

wherein said positioning plate (6) is mounted to said carrying arm (3) for rotation
20 around said horizontal axis (A), out of a horizontal initial position, through an
angular range from a +90° raised position of said foot end (F) through a -20°
lowered position of said foot end (F).

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4. A urological patient positioning table (1) as claimed in claim 1 wherein said patient positioning plate (6) has a region that is transparent to x-rays.

5. A urological patient positioning table (1) as claimed in claim 1 further comprising an apparatus part (13, 15) and a stand (7) connected at least indirectly to said carrying arm (3) for said apparatus part (13, 15).

6. A urological patient positioning table (1) as claimed in claim 5 wherein said apparatus part (13, 15) comprises an x-ray source (13), and further comprising an x-ray receiver (15) also mounted to said stand (7).

7. A urological patient positioning table (1) as claimed in claim 5 wherein said positioning plate (6) has an upper side and a lower side, and wherein said stand (7) comprises a first section (12) disposed next to said upper side of said positioning plate (6) and a second section (14) disposed next to said lower side of said positioning plate (6), said second section (14) being substantially parallel to said longitudinal axis (B) of said positioning plate (6).

8. A urological patient positioning table (1) as claimed in claim 7 wherein said apparatus part is a first apparatus part (13), and further comprising a second apparatus part (15), and wherein said first apparatus part (13) is mounted at said first section (12) of said stand (7) and wherein said second apparatus part (15) is mounted at said second section (14) of said stand (7), and wherein said first apparatus part (13) is adjustable in position relative to said first section (12)

and wherein said second apparatus part (15) is adjustable in position relative to said second section (14), said first apparatus part (13) and said second apparatus (15) part each being adjustable in at least one of a first direction along said longitudinal axis (B) and a second direction transversely to said longitudinal axis
5 (B).

9. A urological patient positioning table (1) as claimed in claim 8 wherein said first apparatus part (13) and said second apparatus part (15) are synchronously adjustable.

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10. A urological patient positioning table (1) as claimed in claim 5 comprising a carrier part (4) connected to said lifting column (2) and being rotatable relative to said lifting column (2) around said [a] horizontal axis (A), said positioning plate (6) and said stand (7) being mounted at said carrier part (4), and
15 said carrier part (4) being attached to said carrying arm (3).

11. A urological patient positioning table (1) as claimed in claim 10 wherein said positioning plate (6) is adjustable relative to said carrier part (4) in at least one direction selected from the group consisting of a first direction along said
20 longitudinal axis (B) and a second direction transverse to said longitudinal axis (B).

12. A urological patient positioning table (1) as claimed in claim 10 wherein said stand (7) is adjustable relative to said carrier part (4) in a direction

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selected from the group consisting of a first direction along said longitudinal axis (B) and a second direction transversely to said longitudinal axis (B).